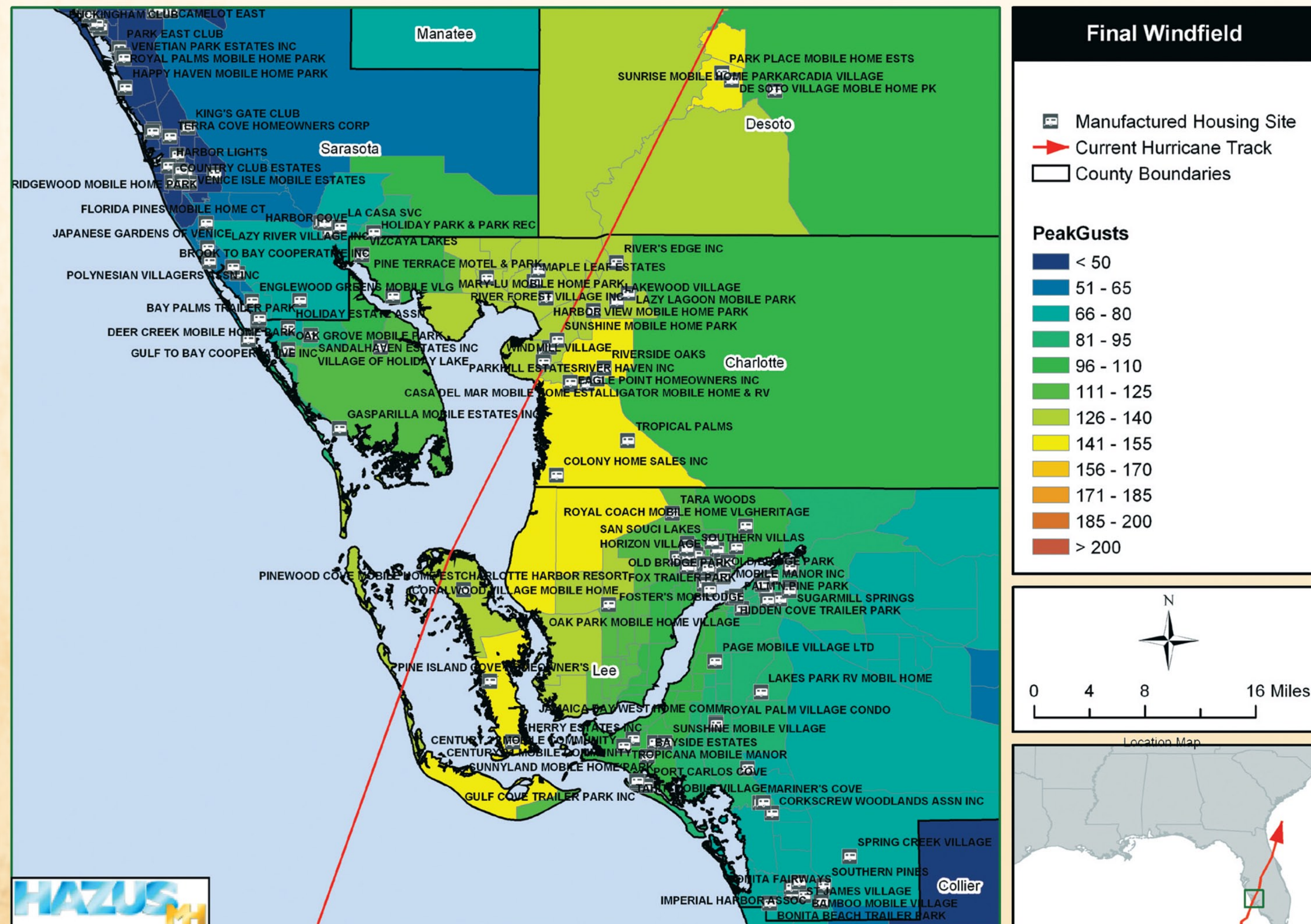


# Exposure of Manufactured Housing to Wind During Hurricane Charley



## DATA AND ANALYSIS DISPLAYED:

- Location of manufactured housing sites in four SW Florida counties: Sarasota, Charlotte, Desoto, and Lee
- Hurricane Charley storm track from National Hurricane Center Advisory 26
- Peak Gust Wind speeds for each census tract
- Manufactured housing - US Census and Dun & Bradstreet



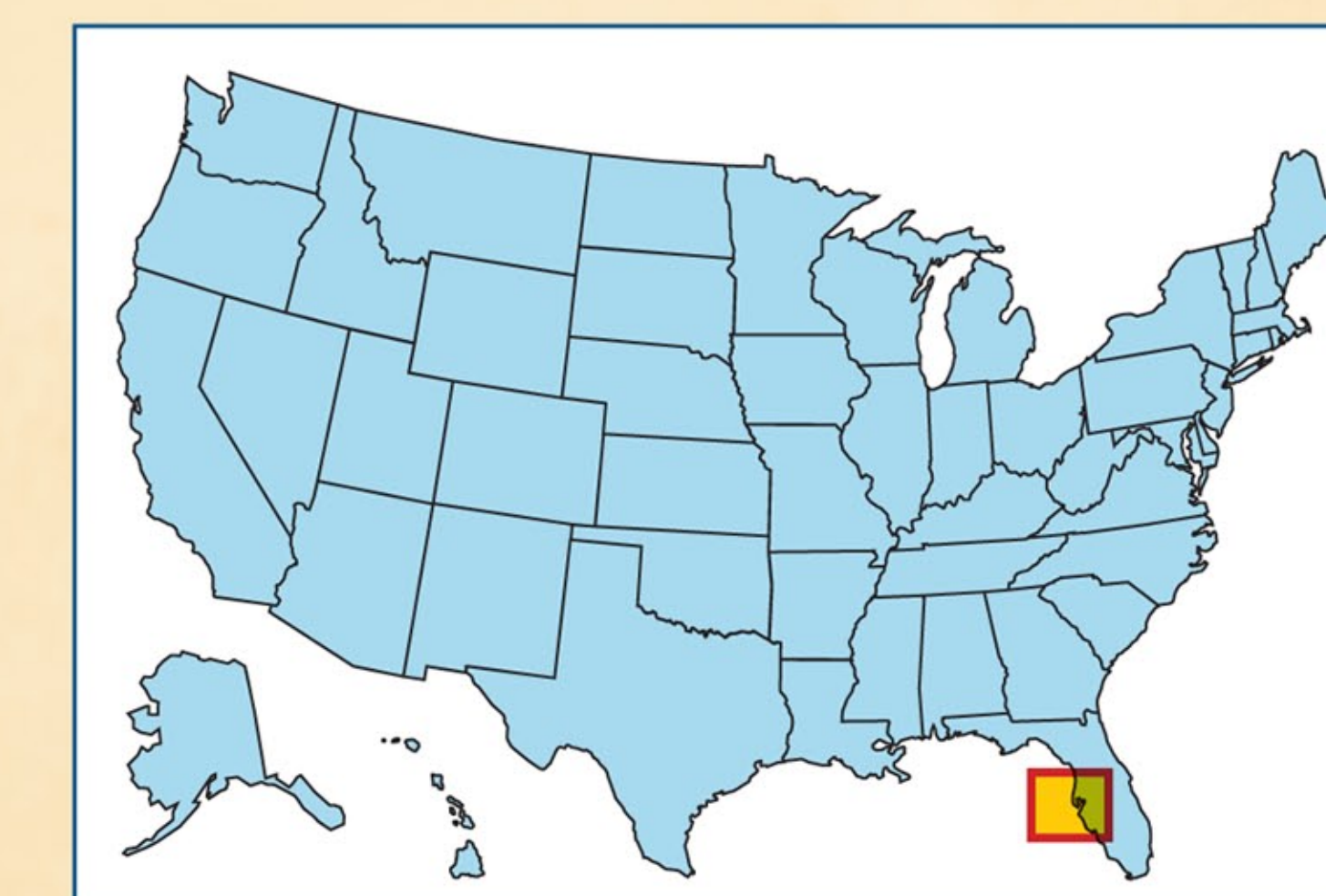
## POTENTIAL USES

### Pre-Disaster:

- Identification of manufactured housing (pre-1994) that is most vulnerable to wind.
- Estimation of the number of households that occupy manufactured housing, including low-income and elderly.

### Post-Disaster:

- Identification of manufactured housing sites that have experienced peak gust winds in excess of 110 mph. Application of estimates for damage assessment planning and search and rescue (SAR).
- Identification of manufactured housing sites that have a high probability of experiencing at least moderate damage



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